

REMARKS

Claims 1-29 are pending in the application, although claims 9-15 and 24-29 have been withdrawn from consideration.

Claims 2-4 and 17-19 are rejected under 35 U.S.C. § 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains to make and/or use the invention. Claims 1-3, 5-8, 16-18, and 20-23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Isomursu et al. (US 6,400,958, hereafter "Isomursu"). Claims 8 and 23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Isomursu in view of Ayabe et al. (US 6,141,550, hereafter "Ayabe").

With regard to the § 112, first paragraph rejection, Applicant submits that one of ordinary skill in the art would know that the meaning of the terms "98H" and "99H" is hexadecimal 98 and hexadecimal 99, which correspond in decimal code to 152 and 153, respectively. Thus, Applicant submits that claims 2-4 and 17-19 are definite.

For the prior art rejections, Applicant submits that the applied references do not teach or suggest all of the limitations of the claims. In particular, Applicant submits that Isomursu fails to disclose inserting a segmented message data field, a field indicating the number of segmented short messages and a field indicating a current short message number into the user data field, as recited in claims 1 and 16. In the Office Action, col. 6, lines 1-28 are referred to as allegedly disclosing this feature of the claims, but Applicant disagrees.

Isomursu relates to a communication network terminal capable of supporting a plurality of applications and having a means for receiving user messages. Col. 6, lines 1-28 of Isomursu

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describes the segmenting of GSM messages M into parts M1-M4 and sent in several frames FR1-FR4, as shown in FIG. 4A. The cited excerpt further describes LAPDm frames to be transmitted at a radio interface, which is normally divided into three fields (ADD, CTRL, and INFO). The ADD field is an address field containing the address of the destination of the message. The CTRL field is a control field containing the sending frame and receiving frame numbers N(S) and N(F). The third field is a data field INFO, which contains the actual contents of the short messages. However, the cited excerpt is silent regarding the features of claims 1 and 16 of inserting a segmented message data field, a field indicating the number of segmented short messages and a field indicating a current short message number into the user data field. Therefore, claims 1 and 16 and their dependent claims 2, 3, and 5-8 and 17, 18, and 20-23, respectively, are not anticipated by Isomursu.

With further regard to claims 5 and 20, Applicant submits that Isomursu does not teach or suggest inserting a reference number field, which indicates a number for referring to a type of data connection service employed, into a position next to the data connection service identifier in the user data field. The Examiner refers to col. 22, lines 24-55 as allegedly disclosing this feature of the claim, but this excerpt discloses the transmission of messages. Nothing in the reference appears to disclose inserting a reference number field, which indicates a number for referring to a type of data connection service employed. There is no number indicated in Isomursu to refer to the type of data connection service. Moreover, although the cited excerpt discusses placing the application identifier in bits of the address field, the reference does not seem to describe inserting a reference number field into a position next to the data connection

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service identifier in the user data field. Hence, claims 5 and 20 are allowable for this additional reason.

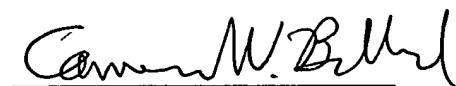
For claims 7 and 22, Applicant submits that Isomursu fails to disclose extracting a field indicating a total number of short messages. Applicant submits that the excerpt cited by the Examiner (col. 6, lines 1-60) is silent regarding the above-identified feature of the claim. Accordingly, claims 7 and 22 allowable over the prior art for this reason also.

Regarding the rejection of claims 8 and 23, Applicant submits that Ayabe fails to make up for the deficiencies of Isomursu. Thus, claims 8 and 23 are allowable over the prior art for this additional reason.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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